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CABBAGE VARIETY TRIALS - 1969

THE OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

VEGETABLE CROPS BRANCH, MARIETTA, OHIO

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WALTER N. BROWN
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DEPARTMENT OF HORTICULTURE

The Ohio Agricultural Research and Development Center
Wooster, Ohio

Horticulture Mimeograph Series No. 366, August 6, 1970

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OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER
Vegetable Crops Branch, Marietta, Ohio

Department of Horticulture Mimeograph Series No. 366
August 6, 1970

EARLY CABBAGE VARIETY TRIALS - 1969*
Marietta, Ohio

Walter N. Brown¹ and Harold M. Racer²

Sixteen varieties, strains of varieties, or hybrids of cabbage were evaluated in the 1969 trials. These entries were compared as to their suitability as early fresh market cabbage. The results are given in Table I.

CULTURAL INFORMATION

Seed Sowed: February 17 in greenhouse and plants were set in field April 9.
Fertilizer: 100 lbs./A of 10-20-20 broadcast after plowing, before disling.

A sidedressing of 150 lbs./A of ammonium nitrate was applied May 1.

Starter Solution: 2 lbs./100gal. water of ammonium nitrate, $\frac{1}{2}$ pint per plant with transplanter.

Spacing: Rows 36" apart, plants spaced 12" in row 50' long. Plants randomized and replicated six times.

Insect and Disease Control: Diazinon for control of maggots applied April 21. Thiodan applied May 21 for control of cabbage worms and loopers.

Date of First Harvest: June 6, with last harvest on July 1, 1969.

GENERAL COMMENTS

Temperatures for April and May were above normal, while rainfall was just slightly above normal for April and June. Irrigation was applied May 27.

	<u>Avg. Temp.</u>	<u>Rainfall</u>
April	53.9°	3.98"
May	62.9	1.85
June	69.7	3.77

* As of November 13, 1969, all projects were terminated and the Vegetable Crops Branch at Marietta was discontinued. Any questions should be directed to either Vegetable Crops, OARDC, Wooster, Ohio 44691, or Vegetable Crops, 2001 Fyffe Ct., Columbus, Ohio 43210

1. Dept. of Horticulture, Ohio Agric. Res. & Devel. Cent., 2001 Fyffe Ct., Columbus, Ohio 43210. Deceased July 24, 1969.
2. Supt. Veg. Crops Branch, O.A.R.D. C., Masonic Park Rd., Devola, Marietta, Ohio 45750.

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SOURCES OF SEED

<u>Code</u>	<u>Source</u>
A-2	Asgrow Seed Co., Orange, Conn. 06477
F-1	Ferry-Morse Seed Co., P. O. Box 398, Racine, Wisc. 53401
H-1	Joseph Harris Co., Inc., Moreton Farm, Rochester, N. Y. 14624
H-2	The Holmes Seed Co., 2125 46th N. W., Canton, Ohio 44702
L-2	Letherman Seed Co., 501 McKinley Ave., N. W. Canton, Ohio 44702
M-2	Midwest Seed Growers, 505 Walnut Street, Kansas City, Mo. 64106

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CABBAGE VARIETIES
Marietta, . Ohio - 1969

(6 Replications)

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CABBAGE VARIETIES
Marietta, Ohio - 1969

(6 Replications)

Variety, Lot Number and Source		No. Days to 1st Harvest	Total Yield per Acre	Av. Head Wt.	% Total Heads at First Harvest	Marketable Heads Harvested	Polar Diameter	Equator Diameter	Shape Index P/E	Core Length	Plant Diameter	Stem Height	*Gen. Uniformity	*Mat. Uniformity	*Solidity	Cracked Heads	Remarks
			Tons	lbs.	%	%	In.	In.		In.	In.					%	
10.	Golden Acre Y.R. 186/25 H-2	63	21.9	3.2	50.9	96.1	6.1	6.3	0.97	3.3	24.9	M	4	3	5	10.0	
9.	Resist. Golden Acre 77546 A-2	63	21.8	3.2	70.4	91.7	6.2	6.3	0.98	3.6	24.3	S	3	3	5	11.9	
16.	Stonehead 1316 I284 L-2	69	20.1	2.9	93.0	98.6	5.9	6.3	0.94	3.0	23.0	S	4	2	5	0.4	
12.	Badger Market 10620/11607 F-1	69	19.9	2.9	78.3	94.3	6.6	6.2	1.06	3.1	22.2	M	3	3	4	0.04	
11.	Little Rock 11921-11613 F-1	76	19.8	3.0	54.3	83.3	7.1	6.6	1.07	3.8	27.6	T	1	1	5	0.4	
7.	G.A. Extra Early 1206 N L-2	58	18.8	2.8	51.1	91.1	5.9	5.8	1.02	3.4	22.8	M	3	2	4	10.1	
13.	Great Dane -- F-1	76	18.2	2.7	52.3	83.1	7.1	6.6	1.07	4.2	29.7	T	2	2	4	-	
6	C. C. Cross	58	15.7	2.4	63.4	82.4	5.8	5.7	1.02	2.8	20.5	S	3	3	5	15.0	
* rated 1-5 LSD @ 5% Level			2.0														

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